

ORIGINAL



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UTILITY: APPALOOSA WATER COMPANY
DOCKET: W-03443A-13-0379
DECISION NO: 74787

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AZ CORP COMMISSION
DOCKET CONTROL

JANUARY 2015 FEBRUARY 2015 MARCH 2015
WATER LOSS PREVENTION PLAN REPORT

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Attachments:

- A. Water system usage and loss reports January 2015, February 2015, and March 2015.

Arizona Corporation Commission

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MAY 01 2015

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Page 1. Company's Software.

The company has purchased the RVS Utility Billing Systems that collects and produces system total reports that is utilized in the company's dedication to preventing water loss. In this report a detailed analysis is presented to understand the processes of the company's endeavor to prevent water loss.

There were 10 accounts on the RVS System that had become corrupt and would give incorrect charges for the water usage. These accounts were creating a significant water loss in the system.

The operation manager called to our attention that the system was not calculating our actual loss correctly.

RVS Systems were unable to correct those accounts for accurate readings. The 10 corrupt accounts were moved and restarted and are monitored for accuracy.

The 10 accounts on the RVS System has been monitored for October, November, December of 2014 and January, February, March of 2015. The accounts that were effecting the water loss are now consistent with the actual water usage.

Page 2. Meter Reading

Consistent with the water loss prevention plan all meter readings are completed within one day so there is no fluctuations of monthly water loss numbers.

The meter readings number of days from month to month are consistent so to prevent unusual fluctuations of usage under normal water usage within the same month.

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Page 3. System Adjustment

Dividing the water system into routes for prioritizing of work for a problem is not applicable at this time.

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Page 4. Software Water Loss Reports

Company has made adjustments to the water loss reports that includes the flushing of lines for arsenic filter media installation, or any testing done by the fire department (flushing). The Water Production Operator has accounted for the loss of 5917gal water in February due to backwash and in March well 2 overflow well 1 meter sticking of 30000gal.

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Page 5. Bypass Monitor Meters.

Company does not need to isolate lines at this time.

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Page 6. Bypass Monitor Meter at the Water Storage Tanks

This is not needed at this time.

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Page 7. Meter Change-out

Meters are periodically tested and if needed are changed-out. No meter has been found to be of need to be changed.

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Page 8. Leak Detection Equipment

At this time it is not necessary to purchase leak detection equipment until the suspected cause of water loss is completed and all other methods of water leakage discovery are utilized.

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Page 9. Line Breaks

Operation Contractor inspects distribution system on an ongoing basis and completes any minor replacement or repairs needed. Any other issues are reported to the company for budgeting for any major repairs. No issues have been discovered in this reporting period.

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Page 10. Additional Water Storage Tank and Water Lines.

Company has a storage tank and lines for any major leak. It will be determined at a later date as to the feasibility for an additional storage tank.

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Page 11. Electrical Systems

The company has requested for permission for an up to date electrical system to be installed and is waiting for loan approval. The approval for a generator has been approved and the company is waiting for the loan to be approved for installation.

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CONCLUSION:

The usage water loss readings report for the January, February, March 2015 readings for water loss prevention reflect the earlier corrections that were implemented by the company and is continuing to have the water loss below the required 10%. Attached is the Water Production Operator's report for the 1st Quarter 2015 with the System Loss reported as 1.09%.

Submitted by:

Joseph Cordovana, President

2015 Q1

A.

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A.

	Sold	Well 1	Total	Well 2	Total	Filter A	Filter B	Accounted	Accounted Notes
Prior	871,800	44835000		49199000		81313230	52817441		
Jan.	854,100	45697100	862,100	49199000		81695617	53235000	5917	5917 As backwash
Feb.	842,860	46538600	841,500	49201000	2,000	82101326	53647525	-400000	well2 overflow well 1 sticking
March	970,060	47070000	531,400	49262000	61,000	82601802	54095695		
April			-47,070,000		-49,262,000				
May			0	0	0				
June			0	0	0				
July			0	0	0				
Aug.			0	0	0				
Sept.			0	0	0				
Oct			0	0	0				
Nov			0	0	0				
Dec.			0	0	0				
	2,667,020	Total	2,235,000.00	Total	63,000	Total	Total	(394,083)	5% under on filter
	2,667,020				2,298,000				

Annual Sold	Annual Well 1	Annual Well 2	Annual Filter A	Annual Filter B	Annual Accounted
2,667,020	2,235,000	63,000.00	1,288,572	1,278,254	(394,083)

Loss by Mechanical Meters

Loss by Digital Meters - 5% underread

← System loss

Monthly Pumpage

	Jan.	Feb.	March	April	May	June	July	Aug.
	862,100	343,500	592,400	332,000	799,946	818,234	948,946	1,367,497

Mech.

Digital

Sept

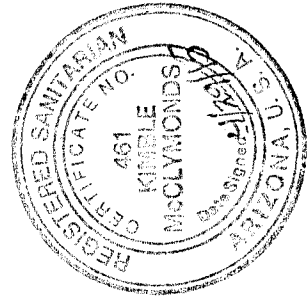
Mech

Digital

Oct

Nov

Dec



Coconino Water Production
Kimble McClymonds RS
2152 Stringfield Dr (928-899-3794)
Prescott AZ 86305

Accounted Notes

March - High level probe in tank fell off. Tank overflowed

Feb - Arsenic filter Back washed, to waste

March - Well #1 meter sticking (mechanical)